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An index of the Acridoidea (ORTHOPTERA) of California,  
with selected references - - - - - R. M. Thompson  
Geo. M. Buxton

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The OCCASIONAL PAPERS of the State Bureau of Entomology will serve as a medium for papers dealing with entomological systematics by various systematists within the California Department of Agriculture.

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## PREFACE

The following list includes most of the references to the Acridoidea of California from literature dating back into the nineteenth century. It should be pointed out that only definite references are included and those references placing species in closely associated areas of Arizona, Nevada, and Oregon are not listed, even though they may be found subsequent to this work. Space is included after each reference for inclusion of new species, new synonymy, etc., as the need arises. Questionable references have been checked against specimens wherever possible, and those found to be in error are omitted. It is hoped that this index will be kept up to date by interested parties and perhaps continued by republishing after the spaces are filled and the need is apparent.

Families and subfamilies are arranged phylogenetically; however, the genera and species are arranged alphabetically with the selected references placed in chronological order. The list of synonymy includes only those species in which name changes have occurred. Where an inaccurate or unacceptable spelling has been employed, the name is corrected, and the original form indicated in brackets.

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THE CALIFORNIA SPECIES OF THE SUPERFAMILY ACRIDOIDEA  
(ORTHOPTERA)

Richard M. Thompson\*  
George M. Buxton\*\*

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## KEY TO THE FAMILIES OF CALIFORNIA ACridoidea

1. a. Pronotum covering all of abdomen.  
Arolium absent. Caudal tarsi three  
segmented, others two segmented.  
Very small species . . . . . Tetrigidae  
page 5
- b. Pronotum not covering abdomen.  
Arolium present. All tarsi three  
segmented. Larger species . . . . . 2
2. a. Abdominal spiracles located in  
terga. Lateral auditory tympana  
present on proximal abdominal  
tergites (except in Hebardacris  
and Hypsalonia) . . . . . Acrididae  
page 9
- b. Abdominal spiracles located in  
dorso-lateral membrane between  
the terga and sterna. Lateral  
auditory tympana absent from  
proximal abdominal tergites . . . . . 3
3. a. Sulcation of dorsal surface of  
fastigium continuous with sul-  
cation of frontal costa. Anten-  
nae long and slender, at least  
as long as caudal femora in  
females, longer than body in  
males, with 25 to 27 articles;  
individual segments noticeably  
elongate . . . . . Tanaoceridae  
page 8
- b. Sulcation of dorsal surface of  
fastigium separated from sulca-  
tion of frontal costa by a cross  
carina. Antennae shorter than  
caudal femora; with 12 or 13  
articles; individual segments  
not elongate . . . . . Eumastacidae  
page 7

## KEY TO THE GENERA OF CALIFORNIA TETRIGIDAE

1. a. Fastigium produced in front of  
the eyes; when viewed dorsally  
convex and wider than one of the  
eyes . . . . . Tetrix  
page 5
- b. Fastigium not at all, or just  
barely, produced in front of the  
eyes; when viewed dorsally  
truncate and narrower than one  
of the eyes . . . . . Paratettix  
page 5

KEY TO THE SUBFAMILIES OF CALIFORNIA ACRIDIDAE

1. a. External apical spine of caudal tibiae present (except in the genus Spaniacris). Internal genitalia of male with the arch of the aedeagal valves always absent and the ancorae fused to the disk of the epiphallus . . . . . Romaleinae page 34

b. External apical spine of caudal tibiae absent. Internal genitalia of male with the arch of the aedeagal valves either present or absent. If absent then ancorae not fused to, but articulate with, the disk of the epiphallus . . . . . 2

2. a. Prosternum with median spine. Face vertical or nearly so. Pronotum with dorsal surface flattened, never cristate . . . Cyrtacanthacridinae page 35

b. Prosternum not spined; flat, convex, or with an obtuse tubercle. . . . . 3

3. a. Disk of pronotum with caudal margin strongly produced, acute or nearly so. Usually with a raised, crestlike median carina, elevated in prozonal portion. Face usually nearly vertical and rounding into vertex. Tegmina and wings well developed with wings of most species brightly colored . . . . . Oedipodinae page 14

b. Disk of pronotum with caudal margin not, or but little produced. Median carina thread-like, only imperceptibly raised above surface of disk and never cut by more than one sulcus. Face usually oblique, retreating ventrad and angulate at junction of fastigium. Hind wings never brightly colored . . . . . Acridinae page 9

KEY TO THE GENERA OF CALIFORNIA EUMASTICIDAE

1. a. Antennae with ventral tooth on tenth segment. Frontal costa narrow and deeply sulcate. Fastigio-facial angle acute. Head deep and narrow. Male cerci falcate . . . . . Morsea  
page 7
- b. Antennae with ventral tooth on ninth segment. Frontal costa broader and shallowly sulcate. Fastigio-facial angle about right angulate. Head short and broad. Male cerci styliform . . . . . Psychomastax  
page 7

KEY TO THE GENERA OF CALIFORNIA ROMALEINAE

1. a. Tegmina and wings abbreviated. Vertex of head not broadly rounding into frontal costa . . . . . Dracotettix  
page 34
- b. Tegmina and wings not abbreviated. Vertex of head broadly rounding into frontal costa . . . . . 2
2. a. External apical spine of caudal tibiae absent. Internal apical spurs much longer than external pair. Form slender. Pronotum conspicuously sellate on prozona . . . . . Spaniacris  
page 34
- b. External apical spine of caudal tibiae present. Internal apical spurs only slightly longer than external pair. Form robust. Pronotum not conspicuously sellate on prozona . . . . . Tytthotyle  
page 34

KEY TO THE GENERA OF CALIFORNIA TANAOCERIDAE

1. a. Antennae over twice as long as body; proximal two articles twice as long as broad. Pronotal lateral carinae distinct; median carina greatly elevated on metazona. Caudal femora nearly as long as body . . . . . Mohavacris  
page 8
- b. Antennae about one and one-half times as long as body; proximal two articles heavy and about as long as broad. Pronotal lateral carinae absent. Median carina distinct but not raised on metazona into a fin-like lobe. Caudal femora considerably shorter than body . . . . . Tanaocerus  
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Suggested arrangement of California species of Melanoplus

in natural species-groups

Courtesy Dr. Ashley B. Gurney

Marginatus Group

aspasmus  
fricki  
fultoni  
gracilipes  
hesperus  
hyporeus  
ligneolus  
marginatus  
microtatus  
muricolor  
nanus  
sonomaensis

Saltator Group

ascensus ascensus  
" calapooyae  
" validus  
bernardinae  
buxtoni  
elaphrus  
elater  
lepidus  
siskiyou

<u>Immunis Group</u>	<u>Infantilis Group</u>
ablutus	alpinus
caroli	
eremitus	<u>Keiferi Group</u>
hupah	chimariki
olamentke	keiferi
wilsoni	
wintunus	
<u>Indigens Group</u>	<u>Occidentalis Group</u>
oregonensis oregonensis	rugglesi
<u>Aridus Group</u>	<u>Mexicanus Group</u>
aridus	borealis palaceus devastator sanguinipes defectus " sanguinipes
<u>Rileyanus Group</u>	
platycercus	<u>Packardii Group</u>
rileyanus rileyanus	packardii
" varicus	
<u>Ponderosus Group</u>	<u>Herbaceus Group</u>
differentialis nigricans	herbaceus
<u>Bivittatus Group</u>	<u>Cinereus Group</u>
bivittatus	cinereus cinereus
yarrowii	" cyanipes " dealbatus
<u>Femurrubrum Group</u>	complanatipes canonicus " complanatipes
femurrubrum femurrubrum	

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SYNONYMY

<u>Original classification</u>	<u>Current equivalent</u>
<u>Acridium (Podisma) borckii</u>	<u>Oedaleonotus borcki borcki</u>
<u>Acridium granulatum</u>	<u>Tetrix subulata</u>
<u>Acridium shoshone</u>	<u>Schistocerca shoshone</u>
<u>Acridium vagum</u>	<u>Schistocerca vaga</u>

<u>Original classification</u>	<u>Current equivalent</u>
<i>Acridium viridi-fasciatum</i>	<i>Chortophaga viridifasciata</i>
<i>Acridium femur-rubrum</i>	<i>Melanoplus femur-rubrum</i>
<i>Acrydium longicorne</i>	<i>Chorthippus longicornis</i>
<i>Aeoloplus arizonensis</i>	<i>Aeoloplides tenuipennis</i>
<i>Aeoloplus californicus</i>	<i>Aeoloplides californicus</i>
<i>Aeoloplus eremiaphila</i>	<i>Aeoloplides minor</i>
<i>Aeoloplus minor</i>	<i>Aeoloplides minor</i>
<i>Aeoloplus oculatus</i>	<i>Aeoloplides tenuipennis</i>
<i>Aeoloplus tenuipennis</i>	<i>Aeoloplides tenuipennis</i>
<i>Ageneotettix australis</i>	<i>Ageneotettix deorum</i>
<i>Ageneotettix sierranus</i>	<i>Eupnigodes sierranus</i>
<i>Amphitornus ornatus</i>	<i>Amphitornus coloradus ornatus</i>
<i>Anconia grisea</i>	<i>Anconia integra</i>
<i>Arphia arcta</i>	<i>Arphia conspersa</i>
<i>Arphia frigida</i>	<i>Arphia conspersa</i>
<i>Arphia hesperiphila</i>	<i>Lactista gibbosus</i>
<i>Arphia koebelei</i>	<i>Arphia ramona koebelei</i>
<i>Arphia pseudonietana</i>	<i>Arphia pseudonietana pseudonietana</i>
<i>Arphia ramona</i>	<i>Arphia ramona ramona</i>
<i>Arphia sanguinaria</i>	<i>Arphia pseudonietana pseudonietana</i>
<i>Bradynotes albida</i>	<i>Hebardacris albida</i>
<i>Bradynotes compacta</i>	<i>Bradynotes obesa opima</i>
<i>Bradynotes deplanata</i>	<i>Bradynotes obesa deplanata</i>
<i>Bradynotes excelsa</i>	<i>Hebardacris excelsa</i>
<i>Bradynotes opimus</i>	<i>Bradynotes obesa opima</i>
<i>Bradynotes pinguis</i>	<i>Bradynotes obesa opima</i>
<i>Bradynotes satur</i>	<i>Hypsalonia satur</i>
<i>Caloptenus atlantis</i>	<i>Melanoplus sanguinipes sanguinipes</i>
<i>Caloptenus arcticus</i>	<i>Melanoplus sanguinipes sanguinipes</i>
<i>Caloptenus bilituratus</i>	<i>Melanoplus sanguinipes sanguinipes</i>
<i>Caloptenus cinereus</i>	<i>Melanoplus cinereus cinereus</i>
<i>Caloptenus devastator</i>	<i>Melanoplus devastator</i>
<i>Caloptenus femoratus</i>	<i>Melanoplus bivittatus</i>

<u>Original classification</u>	<u>Current equivalent</u>
<i>Caloptenus scriptus</i>	<i>Melanoplus sanguinipes</i> san- guinipes
<i>Caloptenus viridis</i>	<i>Hesperotettix viridis viridis</i>
<i>Caloptenus yarrowii</i>	<i>Melanoplus yarrowii</i>
<i>Cannula atrox</i>	<i>Cannula pellucida</i>
<i>Cannula tricarinata</i>	<i>Cannula pellucida</i>
<i>Chimarocephala incisa</i>	<i>Chimarocephala pacifica incisa</i>
<i>Chimarocephala pacifica</i>	<i>Chimarocephala pacifica pacifica</i>
<i>Chloealtis aspasma</i>	<i>Napaia aspasma</i>
<i>Chrysochraon deorum</i>	<i>Ageneotettix deorum</i>
<i>Circotettix azurescens</i>	<i>Trimerotropis sparsa</i>
<i>Circotettix lapidicolus</i>	<i>Circotettix undulatus</i>
<i>Circotettix maculatus</i>	<i>Trimerotropis maculata</i>
<i>Circotettix occidentalis</i>	<i>Microtes occidentalis</i>
<i>Circotettix ? sparsa</i>	<i>Trimerotropis sparsa</i>
<i>Circotettix suffusus</i>	<i>Trimerotropis suffusa</i>
<i>Circotettix thalassinus (of Scudder)</i>	<i>Circotettix undulatus</i>
<i>Conozoa albolineata</i>	<i>Trimerotropis rebellis</i>
<i>Conozoa koebelei</i>	<i>Trimerotropis koebelei</i>
<i>Conozoa rebellis</i>	<i>Trimerotropis rebellis</i>
<i>Cordillacris affinis</i>	<i>Cordillacris occipitalis af- finis</i>
<i>Cordillacris apache</i>	<i>Cordillacris crenulata pima</i>
<i>Cordillacris pima</i>	<i>Cordillacris crenulata pima</i>
<i>Dactylotum variegatum</i>	<i>Dactylotum bicolor variegatum</i>
<i>Derotmema laticinctum</i>	<i>Derotmema haydeni laticinctum</i>
<i>Dissosteira planipennis</i>	<i>Microtes occidentalis</i>
<i>Dissosteira (Spharagemon) venusta</i>	<i>Dissosteira pictipennis</i>
<i>Dissosteira venusta</i>	<i>Dissosteira pictipennis</i>
<i>Dracotettix californicus</i>	<i>Dracotettix monstrosus</i>
<i>Encoptolophus pallidus</i>	<i>Encoptolophus pallidus palli- dus</i>
<i>Encoptolophus subgracilis</i>	<i>Encoptolophus pallidus sub- gracilis</i>

<u>Original classification</u>	<u>Current equivalent</u>
<i>Encoptolophus texensis</i>	<i>Encoptolophus pallidus subgracilis</i>
<i>Gomphocerus shastanus</i>	<i>Bruneria shastana</i>
<i>Gryllus bivittatus</i>	<i>Melanoplus bivittatus</i>
<i>Gryllus (Locusta) carolinus</i>	<i>Dissosteira carolina</i>
<i>Gryllus sanguinipes</i>	<i>Melanoplus sanguinipes sanguinipes</i>
<i>Gryllus subulata</i>	<i>Tetrix subulata</i>
<i>Gymnes punctatus</i>	<i>Bootettix punctatus</i>
<i>Hadrotettix mundus</i>	<i>Trimerotropis munda</i>
<i>Heliastus aridus</i>	<i>Cibolacris parviceps arida</i>
<i>Heliastus californicus</i>	<i>Cibolacris parviceps californica</i>
<i>Heliastus minimus</i>	<i>Xeracris minimus</i>
<i>Heliastus parviceps</i>	<i>Cibolacris parviceps arida</i>
<i>Hesperotettix pacificus</i>	<i>Hesperotettix pacificus pacificus</i>
<i>Hesperotettix viridis</i>	<i>Hesperotettix viridis viridis</i>
<i>Hippiscus (X) aurilegulus</i>	<i>Agymnastus ingens</i>
<i>Hippiscus (S) californicus</i>	<i>Stictippus californicus</i>
<i>Hippiscus (X) calthulus</i>	<i>Xanthippus calthulus</i>
<i>Hippiscus (Xanthippus) montanus</i>	<i>Xanthippus montanus</i>
<i>Hippiscus glaucipes</i>	<i>Cratypedes neglectus glaucipes</i>
<i>Hippiscus (S) marmoratus</i>	<i>Stictippus californicus</i>
<i>Hippiscus neglectus</i>	<i>Cratypedes neglectus</i>
<i>Hippiscus olancha</i>	<i>Xanthippus olancha</i>
<i>Hippiscus (X) pardalinus</i>	<i>Xanthippus pardalinus</i>
<i>Hippiscus sierra</i>	<i>Xanthippus sierra</i>
<i>Hippiscus (X) stigmosus</i>	<i>Agymnastus ingens</i>
<i>Leprus ingens</i>	<i>Agymnastus ingens</i>
<i>Leptysma marginicollis</i>	<i>Leptysma hebardii</i>
<i>Leptysma mexicana</i>	<i>Leptysma hebardii</i>
<i>Ligurotettix coquillettii</i>	<i>Ligurotettix coquillettii coquillettii</i>

<u>Original classification</u>	<u>Current equivalent</u>
<i>Ligurotettix kunzei</i>	<i>Ligurotettix coquillettii kunzei</i>
<i>Melanoplus affinis</i>	<i>Melanoplus devastator</i>
<i>Melanoplus affinis</i>	<i>Melanoplus sanguinipes sanguinipes</i>
<i>Melanoplus angelicus</i>	<i>Melanoplus sanguinipes sanguinipes</i>
<i>Melanoplus ascensus</i>	<i>Melanoplus ascensus ascensus</i>
<i>Melanoplus ater</i>	<i>Melanoplus devastator</i>
<i>Melanoplus atlantis var coeruleipes</i>	<i>Melanoplus sanguinipes sanguinipes</i>
<i>Melanoplus bilituratus</i>	<i>Melanoplus sanguinipes sanguinipes</i>
<i>Melanoplus blandus</i>	<i>Melanoplus rileyanus rileyanus</i>
<i>Melanoplus borckii</i>	<i>Oedaleonotus borcki borcki</i>
<i>Melanoplus calapooyae</i>	<i>Melanoplus ascensus calapooyae</i>
<i>Melanoplus canonicus</i>	<i>Melanoplus complanatipes canonicus</i>
<i>Melanoplus cinereus</i>	<i>Melanoplus cinereus cinereus</i>
<i>Melanoplus collaris</i>	<i>Oedaleonotus enigma collaris</i>
<i>Melanoplus complanatipes</i>	<i>Melanoplus complanatipes complanatipes</i>
<i>Melanoplus consanguineus</i>	<i>Melanoplus devastator</i>
<i>Melanoplus cyanipes</i>	<i>Melanoplus cinereus cyanipes</i>
<i>Melanoplus dealbatus</i>	<i>Melanoplus cinereus dealbatus</i>
<i>Melanoplus debilis</i>	<i>Melanoplus ascensus validus</i>
<i>Melanoplus defectus</i>	<i>Melanoplus sanguinipes defectus</i>
<i>Melanoplus devastator affinis</i>	<i>Melanoplus devastator</i>
<i>Melanoplus d. conspicuous</i>	<i>Melanoplus devastator</i>
<i>Melanoplus d. obscurus</i>	<i>Melanoplus devastator</i>
<i>Melanoplus d. typicalis</i>	<i>Melanoplus devastator</i>
<i>Melanoplus differentialis var. nigricans</i>	<i>Melanoplus differentialis nigricans</i>
<i>Melanoplus diminutus</i>	<i>Melanoplus devastator</i>
<i>Melanoplus femoratus</i>	<i>Melanoplus bivittatus</i>

<u>Original classification</u>	<u>Current equivalent</u>
<i>Melanoplus femur-rubrum</i>	<i>Melanoplus femurrubrum femur-rubrum</i>
<i>Melanoplus flavescens</i>	<i>Melanoplus herbaceus</i>
<i>Melanoplus fuscipes</i>	<i>Oedaleonotus fuscipes</i>
<i>Melanoplus intermedius</i>	<i>Melanoplus sanguinipes sanguinipes</i>
<i>Melanoplus marginatus pauper</i>	<i>Melanoplus marginatus</i>
<i>Melanoplus missionum</i>	<i>Oedaleonotus tenuipennis</i>
<i>Melanoplus olivaceus</i>	<i>Melanoplus yarrowii</i>
<i>Melanoplus pacificus</i>	<i>Oedaleonotus borcki pacificus</i>
<i>Melanoplus phoetaliotiformis</i>	<i>Phoetaliotes nebrascensis</i>
<i>Melanoplus pinctus</i>	<i>Oedaleonotus jucundus</i>
<i>Melanoplus rileyanus</i>	<i>Melanoplus rileyanus rileyanus</i>
<i>Melanoplus sanguinipes</i>	<i>Melanoplus sanguinipes sanguinipes</i>
<i>Melanoplus sierranus</i>	<i>Melanoplus sanguinipes sanguinipes</i>
<i>Melanoplus tenuipennis</i>	<i>Oedaleonotus tenuipennis</i>
<i>Melanoplus uniformis</i>	<i>Melanoplus devastator</i>
<i>Melanoplus validus</i>	<i>Melanoplus ascensus validus</i>
<i>Melanoplus validus pinicola</i>	<i>Melanoplus ascensus ascensus</i>
<i>Melanoplus varicus</i>	<i>Melanoplus rileyanus varicus</i>
<i>Melanoplus virgatus</i>	<i>Melanoplus devastator</i>
<i>Mermiria belfragii</i>	<i>Mermiria neomexicana</i>
<i>Mermiria intertexta</i>	<i>Mermiria bivittata</i>
<i>Mestobregma hyalinum</i>	<i>Trepidulus hyalinus</i>
<i>Mestobregma kiowa</i>	<i>Trachyrhachys kiowa kiowa</i>
<i>Mestobregma pulchella</i>	<i>Trachyrhachys kiowa kiowa</i>
<i>Mestobregma rosaceum</i>	<i>Trepidulus rosaceus</i>
<i>Mestobregma rubripenne</i>	<i>Mestobregma plattei rubripenne</i>
<i>Mestobregma rubripenne</i>	<i>Mestobregma impexum</i>
<i>Microtes nubila</i>	<i>Microtes occidentalis</i>

<u>Original classification</u>	<u>Current equivalent</u>
<i>Morsea californica</i>	<i>Morsea californica californica</i>
<i>Oedaleonotus enigma</i> <i>jucundus</i>	<i>Oedaleonotus jucundus</i>
<i>Oedaleonotus truncatus</i>	<i>Oedaleonotus fuscipes</i>
<i>Oedipoda atrox</i>	<i>Cannula pellucida</i>
<i>Oedipoda carolina</i>	<i>Dissosteira carolina</i>
<i>Oedipoda kiowa</i>	<i>Trachyrhachys kiowa kiowa</i>
<i>Oedipoda montana</i>	<i>Xanthippus montanus</i>
<i>Oedipoda neglecta</i>	<i>Cratypedes neglectus</i>
<i>Oedipoda obliterata</i>	<i>Dissosteira spurcata</i>
<i>Oedipoda (?) occidentalis</i>	<i>Trimerotropis occidentalis</i>
<i>Oedipoda pallidipennis</i>	<i>Trimerotropis pallidipennis pallidipennis</i>
<i>Oedipoda pardalina</i>	<i>Xanthippus pardalinus</i>
<i>Oedipoda pellucida</i>	<i>Cannula pellucida</i>
<i>Oedipoda sparsa</i>	<i>Trimerotropis sparsa</i>
<i>Oedipoda tenebrosa</i>	<i>Arphis pseudonietana pseudonietana</i>
<i>Oedipoda undulata</i>	<i>Circotettix undulatus</i>
<i>Oedipoda venusta</i>	<i>Dissosteira pictipennis</i>
<i>Oenomus alatus</i>	<i>Napaia gracilis</i>
<i>Opeia testacea</i>	<i>Opeia obscura</i>
<i>Opomala bivittata</i>	<i>Mermiria bivittata</i>
<i>Opomala marginicollis</i>	<i>Leptysma hebardi</i>
<i>Opomala neomexicana</i>	<i>Mermiria neomexicana</i>
<i>Orphulella affinis</i>	<i>Orphulella compta</i>
<i>Orphulella desereta</i>	<i>Orphulella pelidna desereta</i>
<i>Orphulella graminea</i>	<i>Orphulella compta</i>
<i>Orphulella salina</i>	<i>Orphulella pelidna desereta</i>
<i>Oxycoryphus obscurus</i>	<i>Opeia obscura</i>
<i>P(aratettix) fallax</i>	<i>Paratettix aztecus</i>
<i>Paratettix hesperus</i>	<i>Paratettix aztecus</i>

<u>Original classification</u>	<u>Current equivalent</u>
P(aratettix) leuconotus	Paratettix mexicanus
P(aratettix) leucothorax	Paratettix mexicanus
P(aratettix) luteolineatus	Paratettix mexicanus
P(aratettix) luteonotatus	Paratettix mexicanus
P(aratettix) melanothorax	Paratettix mexicanus
Paratettix mexicanus abortus	Paratettix mexicanus
P(aratettix) nigronotatus	Paratettix mexicanus
P(aratettix) punctofemora	Paratettix mexicanus
Paratettix robustus	Paratettix mexicanus
P(aratettix) rufrolineatus	Paratettix mexicanus
Paratettix toltecus	Paratettix mexicanus
Paratettix toltecus race arizonensis	Paratettix mexicanus
Paratettix toltecus extensus	Paratettix mexicanus
Paratettix toltecus sonorensis	Paratettix mexicanus
Paratettix tuberculatus	Paratettix mexicanus
Paropomala dissimilis	Eremiacris pallida
Paropomala pallida	Eremiacris pallida
Pezotettix aridus	Melanoplus aridus
Pezotettix borckii	Oedaleonotus borcki borcki
Pezotettix (Melanoplus) borckii	Oedaleonotus borcki borcki
Pezotettix enigma	Oedaleonotus enigma enigma
Pezotettix jucundus	Oedaleonotus jucundus
Pezotettix marginatus	Melanoplus marginatus
Pezotettix nebrascensis	Phoetaliotes nebrascensis
Pezotettix obesus	Bradynotes obesa
Pezotettix oregonensis	Melanoplus oregonensis oregonensis
Pezotettix pacificus	Oedaleonotus borcki pacificus
Pezotettix variegatus	Dactylotum bicolor variegatum

<u>Original classification</u>	<u>Current equivalent</u>
<i>Pnigodes megacephala</i>	<i>Eupnigodes megacephala</i>
<i>Podisma oreas</i>	<i>Melanoplus oregonensis oregonensis</i>
<i>Podisma oregonensis</i>	<i>Melanoplus oregonensis oregonensis</i>
<i>Poecilotettix coccinatus</i>	<i>Poecilotettix sanguineus</i>
<i>Psinidia kiowa</i>	<i>Trachyrhachys kiowa kiowa</i>
<i>Psinidia sulcifrons</i>	<i>Conozoa sulcifrons sulcifrons</i>
<i>Psinidia wallula</i>	<i>Conozoa wallula</i>
<i>Psoloessa ferruginea</i>	<i>Psoloessa thamnogaea</i>
<i>Psoloessa maculipennis</i>	<i>Psoloessa thamnogaea</i>
<i>Psoloessa texana</i>	<i>Psoloessa thamnogaea</i>
<i>Psychomastax psylla</i>	<i>Psychomastax psylla psylla</i>
<i>Psychomastax psylla deserticola</i>	<i>Psychomastax deserticola deserticola</i>
<i>Psychomastax psylla robusta</i>	<i>Psychomastax robusta</i>
<i>Ramona deserticola</i>	<i>Spaniacris deserticola</i>
<i>Scirtettica occidentalis</i>	<i>Microtes occidentalis</i>
<i>Scyllina delicatula</i>	<i>Psoloessa delicatula delicatula</i>
<i>Spharagemon venustum</i>	<i>Dissosteira pictipennis</i>
<i>Stauronotus elliotti</i>	<i>Aulocara elliotti</i>
<i>Stenobothros obionus</i>	<i>Camnula pellucida</i>
<i>Stirapleura pusilla</i>	<i>Psoloessa thamnogaea</i>
<i>Tanaocerus koebelei</i>	<i>Tanaocerus koebelei koebelei</i>
<i>Telmatettix aridus</i>	<i>Paratettix aztecus</i>
<i>Telmatettix aztecus</i>	<i>Paratettix aztecus</i>
<i>Telmatettix minutus</i>	<i>Paratettix aztecus</i>
<i>Telmatettix minutus rugosus</i>	<i>Paratettix aztecus</i>
<i>Telmatettix parviverticus</i>	<i>Paratettix aztecus</i>
<i>T(etrix) granulata</i>	<i>Tetrix subulata</i>
<i>Tettix aztecus</i>	<i>Paratettix aztecus</i>
<i>Tettix incurvatus</i>	<i>Tetrix subulata</i>

<u>Original classification</u>	<u>Current equivalent</u>
<i>Tettix luggeri</i>	<i>Tetrix subulata</i>
<i>Tettix morsei</i>	<i>Tetrix subulata</i>
<i>Thrincus (?) aridus</i>	<i>Cibolacris parviceps arida</i>
<i>Thrincus californicus</i>	<i>Cibolacris parviceps californica</i>
<i>Thrincus (?) maculatus</i>	<i>Tytthotyle maculata</i>
<i>Tomonotus pseudo-nietanus</i>	<i>Arphia pseudonietana pseudo-nietana</i>
<i>Trachyrhachis nevadensis</i>	<i>Metator nevadensis</i>
<i>Trachyrhachis occidentalis</i>	<i>Conozoa occidentalis</i>
<i>Tragocephala brevipennis</i>	<i>Chimarocephala pacifica pacifica</i>
<i>Tragocephala obiona</i>	<i>Camnula pellucida</i>
<i>Tragocephala pacifica</i>	<i>Chimarocephala pacifica pacifica</i>
<i>Tragocephala viridifasciata</i>	<i>Chortophaga viridifasciata</i>
<i>Trimerotropis albolineata</i>	<i>Trimerotropis rebellis</i>
<i>Trimerotropis azurescens</i>	<i>Trimerotropis sparsa</i>
<i>Trimerotropis caeruleipes</i>	<i>Trimerotropis fontana</i>
<i>Trimerotropis calignosa</i>	<i>Trimerotropis fontana</i>
<i>Trimerotropis conspersa</i>	<i>Trimerotropis suffusa conspersa</i>
<i>Trimerotropis fallax</i>	<i>Trimerotropis suffusa fallax</i>
<i>Trimerotropis ferruginae</i>	<i>Trimerotropis fontana</i>
<i>Trimerotropis juliana</i>	<i>Trimerotropis fontana</i>
<i>Trimerotropis modesta</i>	<i>Trimerotropis tolteca modesta</i>
<i>Trimerotropis obscura</i>	<i>Trimerotropis suffusa</i>
<i>Trimerotropis pallidi-pennis</i>	<i>Trimerotropis pallidipennis</i>
<i>Trimerotropis perplexa</i>	<i>Trimerotropis sparsa</i>
<i>Trimerotropis similis</i>	<i>Trimerotropis p. pallidipennis</i>
<i>Trimerotropis tessellata</i>	<i>Trimerotropis fontana</i>
<i>Trimerotropis variegata</i>	<i>Trimerotropis suffusa variegata</i>
<i>Trimerotropis vinculata</i>	<i>Trimerotropis p. pallidipennis</i>
<i>Trimerotropis vinculata similis</i>	<i>Trimerotropis p. pallidipennis</i>

<u>Original classification</u>	<u>Current equivalent</u>
<i>Trimerotropis viriditibialis</i>	<i>Trimerotropis inconspicua</i>
<i>Xanthippus aurilegulus</i>	<i>Agymnastus ingens</i>
<i>Xanthippus neglectus</i>	<i>Cratypedes neglectus</i>
<i>Xanthippus stigmosus</i>	<i>Agymnastus ingens</i>

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